

Title (en)
VAPOR DEPOSITION MASK MANUFACTURING METHOD, VAPOR DEPOSITION MASK-ALLOCATED INTERMEDIATE PRODUCT, AND VAPOR DEPOSITION MASK

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER DAMPFABSCHIEDUNGSMASKE, EINER DAMPFABSCHIEDUNGSMASKE ZUGEORDNETES ZWISCHENPRODUKT SOWIE DAMPFABSCHIEDUNGSMASKE

Title (fr)
PROCÉDÉ DE FABRICATION DE MASQUE DE DÉPÔT EN PHASE VAPEUR, PRODUIT INTERMÉDIAIRE ATTRIBUÉ PAR MASQUE DE DÉPÔT EN PHASE VAPEUR ET MASQUE DE DÉPÔT EN PHASE VAPEUR

Publication
EP 3524710 A4 20200610 (EN)

Application
EP 17858164 A 20170912

Priority
• JP 2016199420 A 20161007
• JP 2017032923 W 20170912

Abstract (en)
[origin: EP3524710A1] A deposition mask in which deformation of long sides is restrained is manufactured. A manufacturing method of a deposition mask includes a step of preparing a metal plate; a processing step of processing the metal plate into an intermediate product comprising: a plurality of deposition mask portions each including a pair of long sides and a pair of short sides, and having a plurality of through-holes formed therein; and a support portion that surrounds the plurality of deposition mask portions, and is partially connected to the short sides of the plurality of deposition mask portions; and a separation step of separating the deposition mask portions from the support portion to obtain the deposition mask. In the intermediate product, the long sides of the deposition mask portions are not connected to the support portion.

IPC 8 full level
C23C 14/04 (2006.01); **C23C 14/24** (2006.01); **C23F 1/00** (2006.01); **C23F 1/02** (2006.01); **C23F 1/28** (2006.01); **H05B 33/10** (2006.01); **H10K 99/00** (2023.01)

CPC (source: CN EP KR US)
B05B 12/20 (2018.02 - US); **B05C 21/005** (2013.01 - US); **C23C 14/04** (2013.01 - EP US); **C23C 14/042** (2013.01 - CN EP KR US); **C23C 14/12** (2013.01 - US); **C23C 14/24** (2013.01 - CN EP KR); **C23C 14/243** (2013.01 - US); **C23C 16/04** (2013.01 - US); **C23F 1/02** (2013.01 - EP KR US); **C23F 1/28** (2013.01 - US); **C30B 25/04** (2013.01 - US); **H05B 33/10** (2013.01 - EP US); **H05K 3/143** (2013.01 - US); **H10K 50/00** (2023.02 - US); **B05D 1/32** (2013.01 - US); **C22C 38/08** (2013.01 - US); **C23C 14/24** (2013.01 - US); **C23F 1/28** (2013.01 - EP); **H10K 71/00** (2023.02 - US); **H10K 71/166** (2023.02 - CN EP KR US)

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